



Rev. 11/00

**DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

PATENT

Docket No. : 50540/FLC/C766

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled MULTI-AGENT AUTONOMOUS SYSTEM, the specification of which is attached hereto unless the following is checked:

was filed on July 22, 2003 as United States Application Number or PCT International Application Number 10/625,834 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of the foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, any foreign application for patent or inventor's certificate, or any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

<u>Application Number</u>	<u>Country</u>	<u>Filing Date (day/month/year)</u>	<u>Priority Claimed</u>
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I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

Application Number **Filing Date**

60/398,052	July 22, 2002
60/473,726	May 28, 2003

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

<u>Application Number</u>	<u>Filing Date</u>	<u>Patented/Pending/Abandoned</u>
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DECLARATION FOR PATENT APPLICATION

Docket No. 50540/FLC/C766

POWER OF ATTORNEY: I hereby appoint the following attorneys and agents of the law firm CHRISTIE, PARKER & HALE, LLP to prosecute this application and any U.S. continuation or divisional application based on it, and to prosecute any international application under the Patent Cooperation Treaty based on it, and to transact all business in the U.S. Patent and Trademark Office connected with either of them in accordance with instructions from the assignee of the entire interest in this application; or from the first or sole inventor named below in the event the application is not assigned; or from _____ in the event the power granted herein is for an application filed on behalf of a foreign attorney or agent.

D. Bruce Prout	(20,958)	Harold E. Wurst	(22,183)	Jun-Young E. Jeon	(43,693)
Richard J. Ward, Jr.	(24,187)	Robert A. Green	(28,301)	Peter A. Nichols	(47,822)
LeRoy T. Rahn	(20,356)	Richard A. Wallen	(22,671)	Stephen D. Burbach	(40,285)
Walter G. Maxwell	(25,355)	Michael J. MacDermott	(29,946)	Mark J. Marcelli	(36,593)
William P. Christie	(29,371)	Anne Wang	(36,045)	David J. Steele	(47,317)
David A. Dillard	(30,831)	Constantine Marantidis	(39,759)	John W. Peck	(44,284)
Thomas J. Daly	(32,213)	Daniel R. Kimbell	(34,849)	Tom H. Dao	(44,641)
Vincent G. Gioia	(19,959)	Daniel M. Cavanagh	(41,661)	Frank L. Cire	(42,419)
Edward R. Schwartz	(31,135)	Gary J. Nelson	(44,257)	Rodney V. Warfford	(51,304)
John D. Carpenter	(34,133)	Kathleen M. Olster	(42,052)	R. W. Johnston	(17,968)
Wesley W. Monroe	(39,778)	Josephine E. Chang	(46,083)	Hayden A. Carney	(22,653)
David A. Plumley	(37,208)	Joel A. Kauth	(41,886)	Russell R. Palmer, Jr.	(22,994)
Gregory S. Lampert	(35,581)	Patrick Y. Ikehara	(42,681)	Richard D. Seibel	(22,134)
Mark Garscia	(31,953)	Raymond R. Tabandeh	(43,945)	Richard J. Paciulan	(28,248)
Syed A. Hasan	(41,057)	Cynthia A. Bonner	(44,548)	Richard A. Clegg	(33,485)

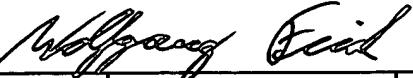
The authority under this Power of Attorney of each person named above shall automatically terminate and be revoked upon such person ceasing to be a member or associate of or of counsel to that law firm.

DIRECT TELEPHONE CALLS TO: Frank L. Cire, 626/795-9900

SEND CORRESPONDENCE TO:
CHRISTIE, PARKER & HALE, LLP
P.O. Box 7068
Pasadena, CA 91109-7068

Customer Number: 23363

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR					
Wolfgang Fink					
Inventor's Signature				Date	11/07/2003
Residence:	City Montrose	State California	Country USA	Citizenship	USA Germany
Mailing Address:	2223 Montrose Avenue, No. 1, Montrose, California 91020				

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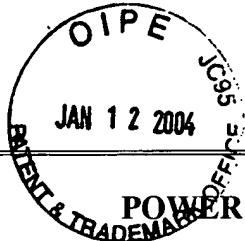
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NAME OF SECOND INVENTOR			
James Dohm			
Inventor's Signature			Date 11-19-2003
Residence: <u>Pasadena</u> <u>Chandler</u>	City <u>Pasadena</u>	State <u>California</u> <u>AZ</u>	Country USA
Mailing Address:	1200 E. California Boulevard, M/C 201-85, Pasadena, California 91125 1509 North Tamarisk Dr., Chandler AZ 85224		

NAME OF THIRD INVENTOR			
Mark A. Tarbell			
Inventor's Signature			Date 11-7-03
Residence: <u>Pasadena</u> <u>Walnut</u>	City <u>Pasadena</u>	State <u>California</u>	Country USA
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POWER OF ATTORNEY FROM ASSIGNEE

PATENT

Docket No.: 50540/FLC/C766

USSN 10/625,834

CALIFORNIA INSTITUTE OF TECHNOLOGY, a California non-profit organization, having a place of business at 1200 East California Blvd., Mail Stop 201-85, Pasadena, California 91125, (Assignee) is assignee of the entire right, title and interest throughout the world, by reason of an Assignment to the Assignee executed on November 7, 2003; November 19, 2003; and November 7, 2003 of an invention known as MULTI-AGENT AUTONOMOUS SYSTEM (Attorney Docket No. 50540/RAG/C766), which is disclosed and claimed in a patent application of the same title by the inventor(s) Wolfgang Fink, James Dohm, and Mark A. Tarbell (filed July 22, 2003, as Application Serial No. 10/625,834). The Assignment of this application to California Institute of Technology is being submitted for recordation concurrently with this Power of Attorney.

The Assignee hereby appoints the U.S. attorneys associated with **CUSTOMER NUMBER 23363** as principal attorneys with the power to appoint associate attorneys to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith, such attorneys currently being:

D. Bruce Prout	(20,958)	Richard A. Wallen	(22,671)	David J. Steele	(47,317)
Richard J. Ward, Jr.	(24,187)	Michael J. MacDermott	(29,946)	John W. Peck	(44,284)
Walter G. Maxwell	(25,355)	Anne Wang	(36,045)	Tom H. Dao	(44,641)
William P. Christie	(29,371)	Constantine Marantidis	(39,759)	Frank L. Cire	(42,419)
David A. Dillard	(30,831)	Daniel R. Kimbell	(34,849)	Rodney V. Warfford	(51,304)
Thomas J. Daly	(32,213)	Daniel M. Cavanagh	(41,661)	Rose A. Hickman	(P-54,167)
Edward R. Schwartz	(31,135)	Gary J. Nelson	(44,257)	Colin T. Dorrian	(P-54,658)
John D. Carpenter	(34,133)	Josephine E. Chang	(46,083)	R. W. Johnston	(17,968)
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Gregory S. Lampert	(35,581)	Raymond R. Tabandeh	(43,945)	LeRoy T. Rahn	(20,356)
Mark Garcia	(31,953)	Cynthia A. Bonner	(44,548)	Richard D. Seibel	(22,134)
Syed A. Hasan	(41,057)	Jun-Young E. Jeon	(43,693)	Vincent G. Gioia	(19,959)
Harold E. Wurst	(22,183)	Peter A. Nichols	(47,822)	Richard J. Paciulan	(28,248)
Robert A. Green	(28,301)	Stephen D. Burbach	(40,285)		

The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

The authority under this Power of Attorney of each person named above shall automatically terminate and be revoked upon such person ceasing to be a member or associate of or of counsel to that law firm.

**SEND CORRESPONDENCE TO: Customer Number: 23363
CHRISTIE, PARKER & HALE, LLP
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Pasadena, CA 91109-7068**

POWER OF ATTORNEY FROM ASSIGNEE

PATENT

Docket No.: **50540/FLC/C766**

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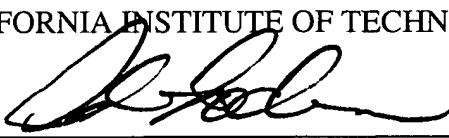
DIRECT TELEPHONE CALLS TO: Robert A. Green, 626/795-9900

The undersigned has reviewed the title documents described above and hereby certifies that to the best of his/her knowledge and belief, title of the subject matter of this patent application is in California Institute of Technology.

CALIFORNIA INSTITUTE OF TECHNOLOGY

Date 19 December 2003

By



ADAM COCHRAN
INTELLECTUAL PROPERTY COUNSEL

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